



**Great Salt Lake
Minerals Corporation**
A Compass Minerals Company

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DIV. OF OIL, GAS & MINING

M/057/0002

cc: Lynn

Task: 5199

**Notice of Intent to Amend Consolidated Mine Plan
Great Salt Lake Minerals Corporation
Ogden, Utah**

1. General Information

- | | |
|----------------------------------|---|
| a. Name of Operator / Applicant: | Joseph Havasi, Natural Resource Manager |
| b. Name of Applicant: | Great Salt Lake Minerals Corporation |
| c. Address: | 765 North 10500 West, Ogden, Utah 84404 |
| d. Phone: | 801-732-3312 |
| e. Name of Project: | Pump Station 113 (East) Relocation |
| f. Permit Number: | M/057/002 |
| g. Location of Project: | Box Elder County, Utah
T7N R10W (inferred into Lake) |
| h. Ownership of Land Surface: | State of Utah |
| i. Ownership of Minerals: | State of Utah |
| j. Utah Mining Claim: | There are no mining claims. Mining by solar evaporation is authorized by Royalty Agreement # 19024 dated September 1, 1962 and by various related leases from the State of Utah |
| k. Utah State Leases: | State of Utah DNR Division of Fire, Forestry and State Lands Mineral lease ML 44607-SV |

2. Location of Current (to be deconstructed and reclaimed) and New Pump Station 113 (Exhibit A).

3. Operation Plan

The Operation Plan is to deconstruct and reclaim the current Pump Station 113, and replace and relocate the pump to a new position on more geotechnically stable materials. The relocated Pump Station (New Pump Station 113) will maintain adequate flow volume for brine transfer to GSLM's western solar evaporation ponds. The relocation of the pump station is required due to soil instability which may compromise the foundation and overall structure and operations at Pump Station 113. To maintain current operations GSLM has proposed to replace and relocate Pump 113 from its current position to a site adjacent to Pump Station 114. Water pumped from New Pump Station 113 will be redirected from Pond 113 into Pond 114. Implementation of this Project will result in the placement of clean fill material to construct a new stable base for the foundation of New Pump Station 113, rip-rap protection, and construction of levees adjacent to New Pump Station 113.



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4. Impact Assessment

Installation of New Pump Station 113 will occur within existing dikes and in the previously disturbed area adjacent to the intake canal servicing existing Pump Station 114. Thus, this project will yield no new land disturbances. Although the work will be conducted in previously disturbed areas, the elevation of the work is below 4,205' above mean sea level (amsl), and therefore requires coordination with the US Army Corps of Engineers (Corps). The Corps has jurisdiction over lakebed below 4,205', notwithstanding previous impacts associated with the construction and current operation of the intake canal servicing Pump Station 114. GSLM has therefore submitted a permit application to the Corps under Nationwide Permit (NWP) # 3 for impacts to 0.47 acres located below elevation 4,205' amsl associated with maintenance activities for existing operations and equipment. As mitigation for impacts defined by NWP#3, GSLM will fill in and restore original lakebed conditions to 0.47 acres of current intake canal adjacent to the current location of Pump Station 113, which is slated for reclamation. The project is therefore, and viewed by the Corps as, self-mitigating. Therefore, there are no new impacts associated with this project.

5. Reclamation Plan

Current Pump Station 113 will be deconstructed and the area reclaimed once New Pump Station 113 is operational and put into use. Thus, there is no net increase in the number of pump stations associated with the mine and accordingly, no new facility that requires reclamation. Bonding for the New Pump Station 113 will be satisfied in combination with the current bond and any additional bonding required to meet third party estimates for the reclamation of the New Pump Station 113.

6. Variance R647 -4-107 -1. 1. 1 1 Operation Practice

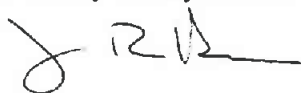
Surface evaporation operations do not have mine shafts and/or tunnels. GSL is under OSHA regulatory jurisdiction so the MSHA regulatory reference is not applicable.

7. Surety

An estimate from consulting engineering firm Bowen Collins and Associates indicates that deconstruction and reclamation of New Pump Station 113 will cost \$80,000.00. This cost estimate exceeds our current bond amount for Current Pump Station 113, which was established in 2002 at \$28,100.00. Thus, GSLM will increase its surety bond associated with New Pump Station 113 by \$51,900.00.

8. Signatory Requirement

I hereby certify that the foregoing is true and correct.



Mr. Joseph R. Havasi
Natural Resources Manager – Compass Minerals, Inc



Attachment A Figures

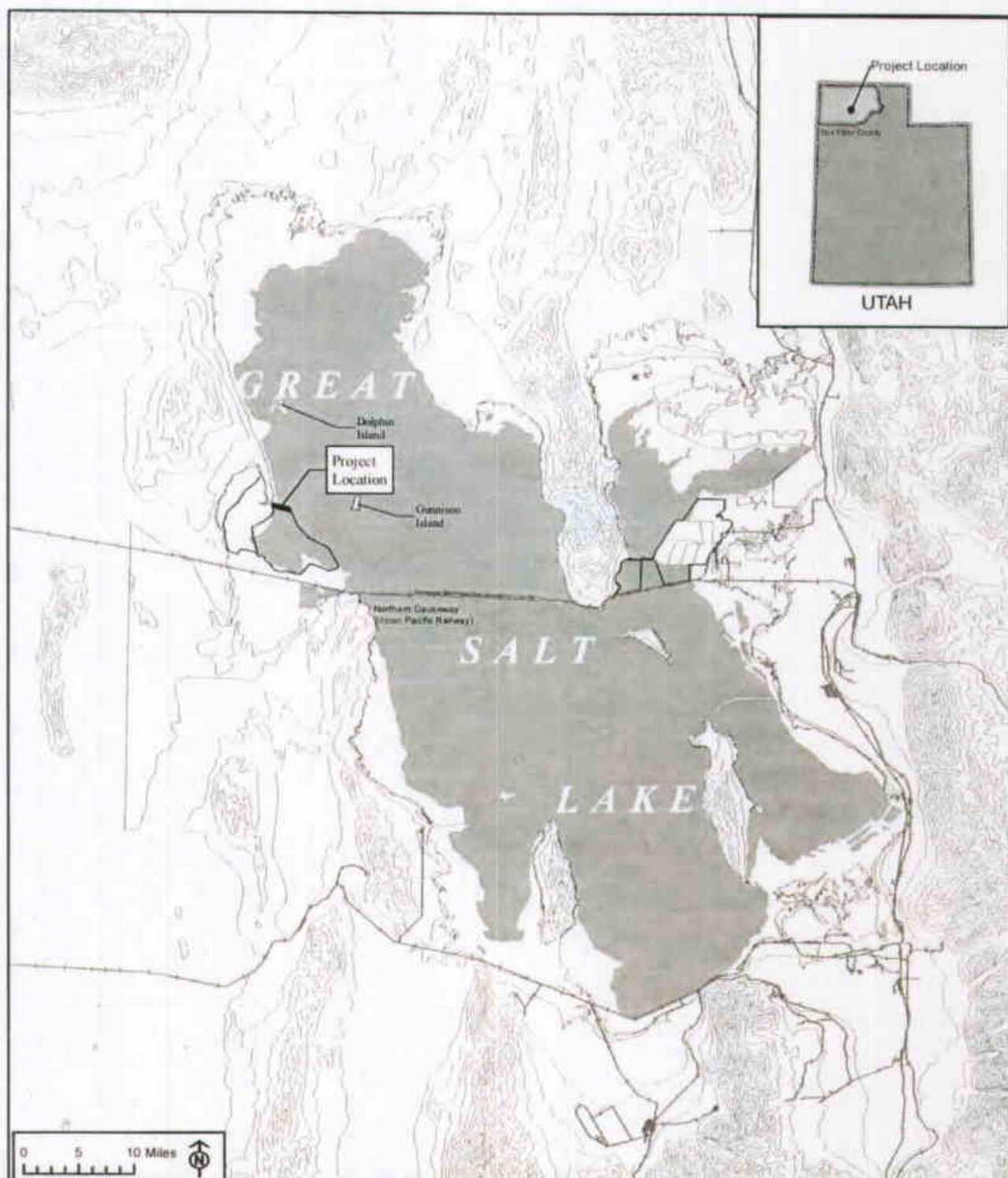


Figure 1. Project Location Map
Pump Station 113 Replacement Project
Box Elder County, Utah

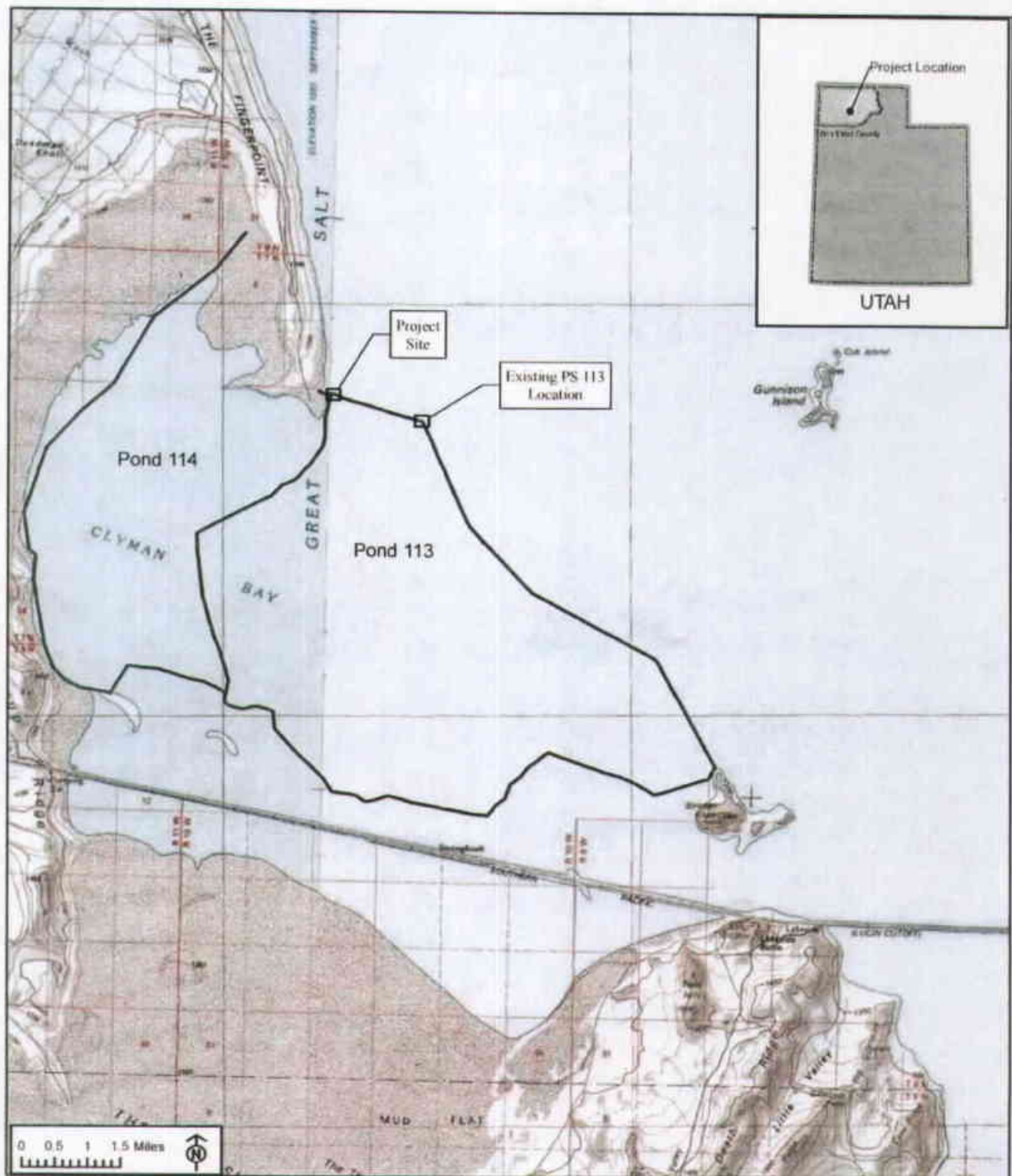


Figure 2. USGS Topographic Map of Project Site
 Pump Station 113 Replacement Project
 Box Elder County, Utah

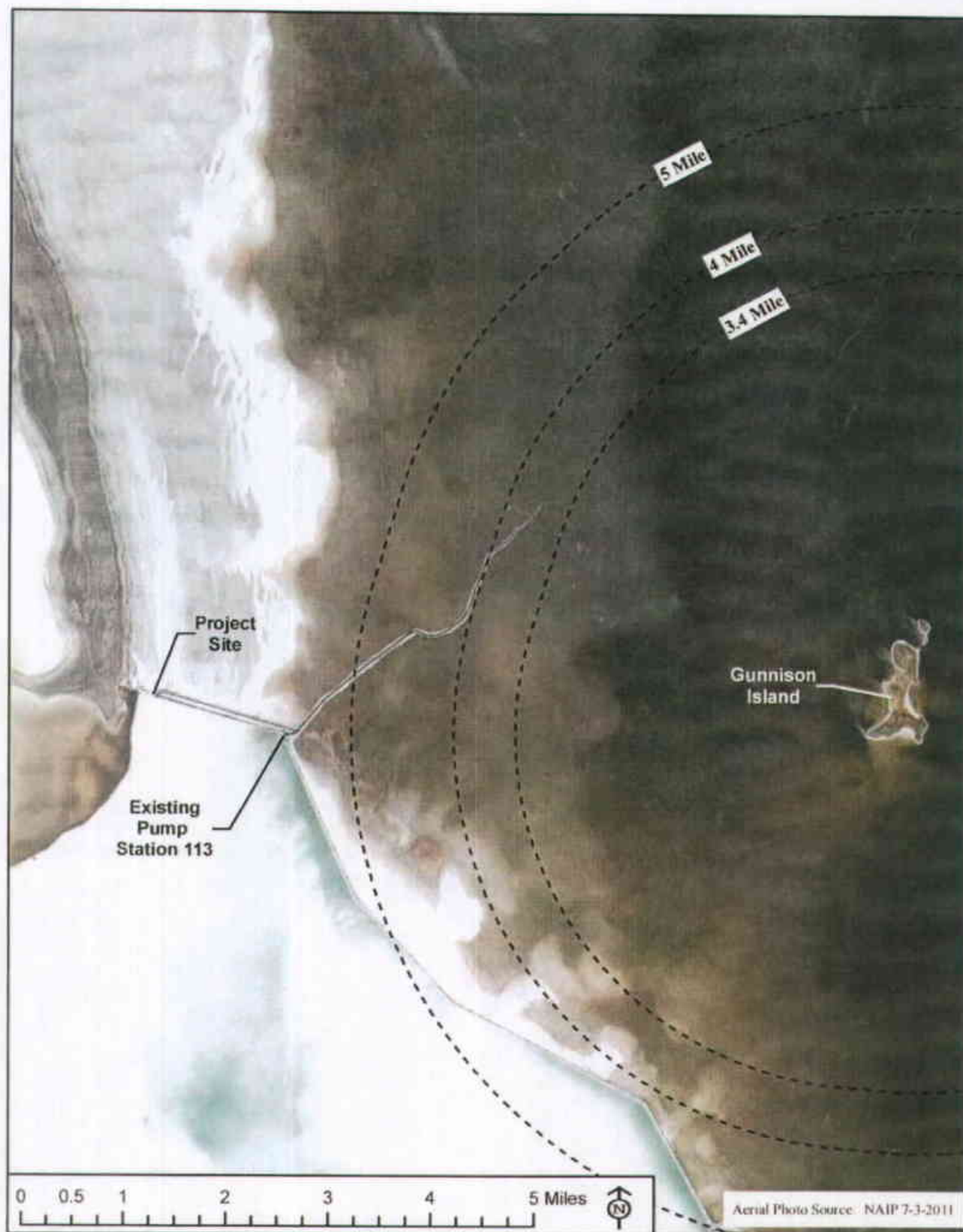


Figure 3. Distance Between Project Site and Gunnison Island
Pump Station 113 Replacement Project
Box Elder County, Utah

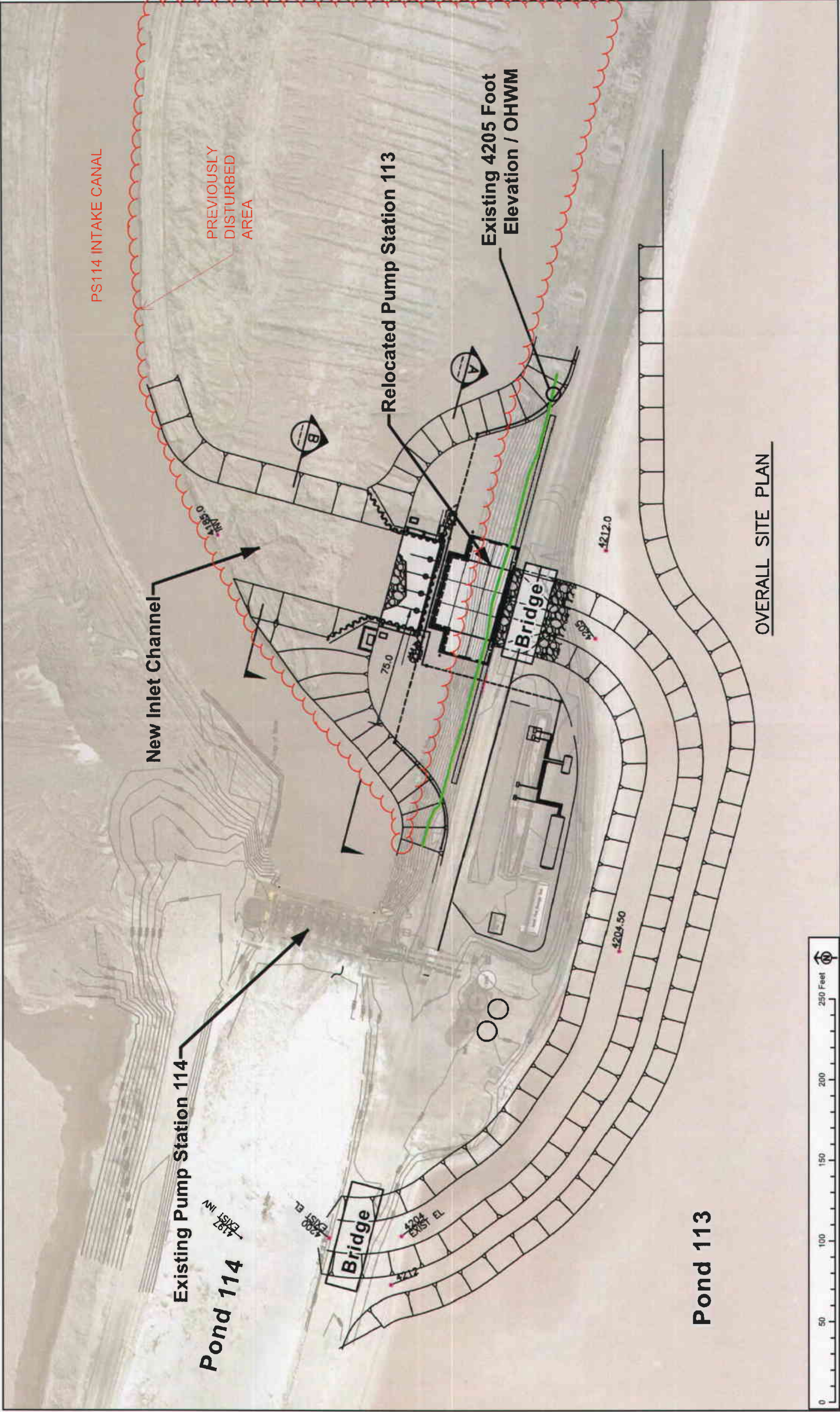
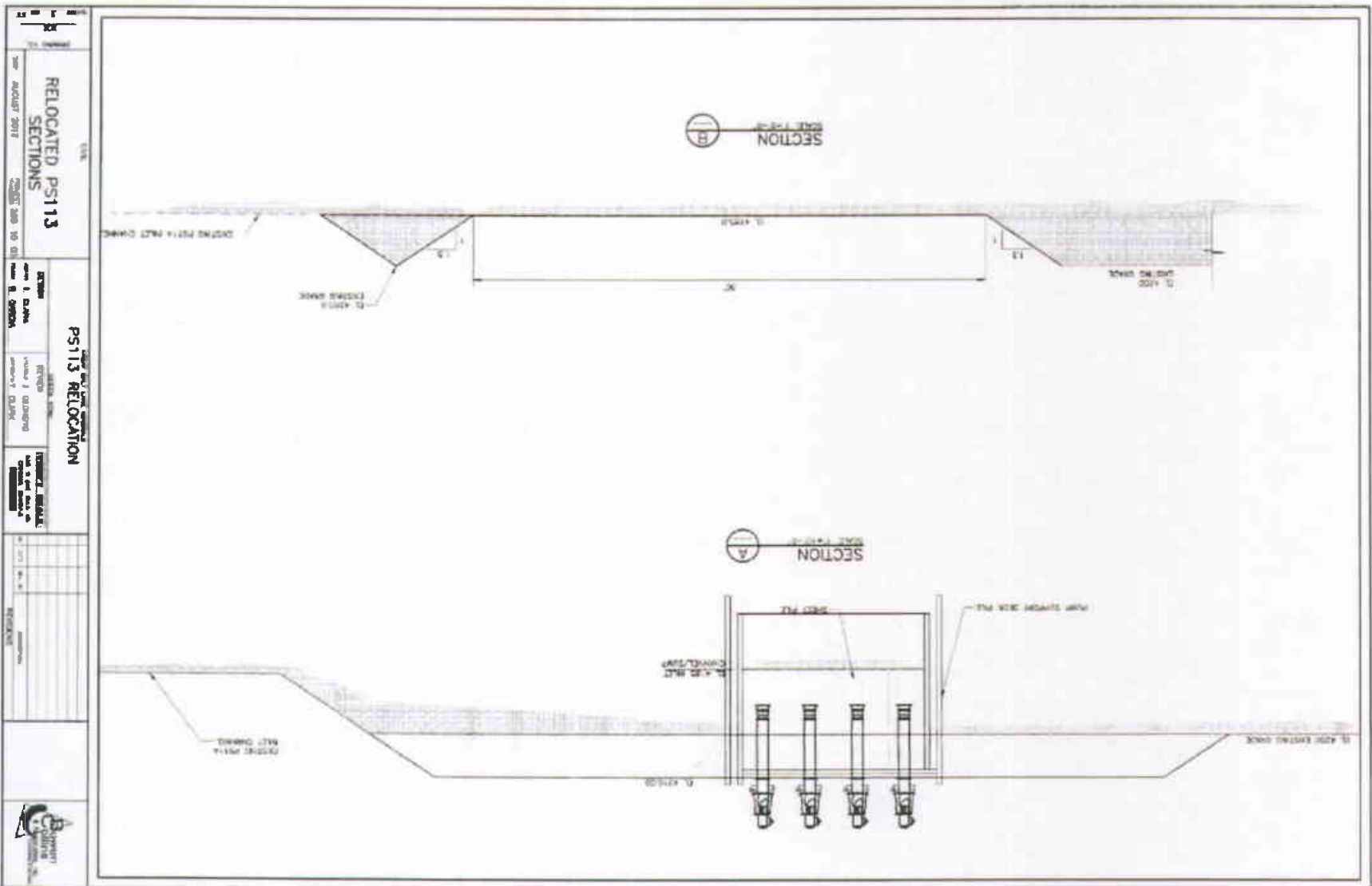


Figure 4. Plan View, PS 113 Relocation Site Plan
Pump Station 113 Replacement Project
Box Elder County, Utah

Figure 5. Typical Cross Section, PS 113 Relocation Site Plan
 Pump Station 113 Replacement Project
 Box Elder County, Utah



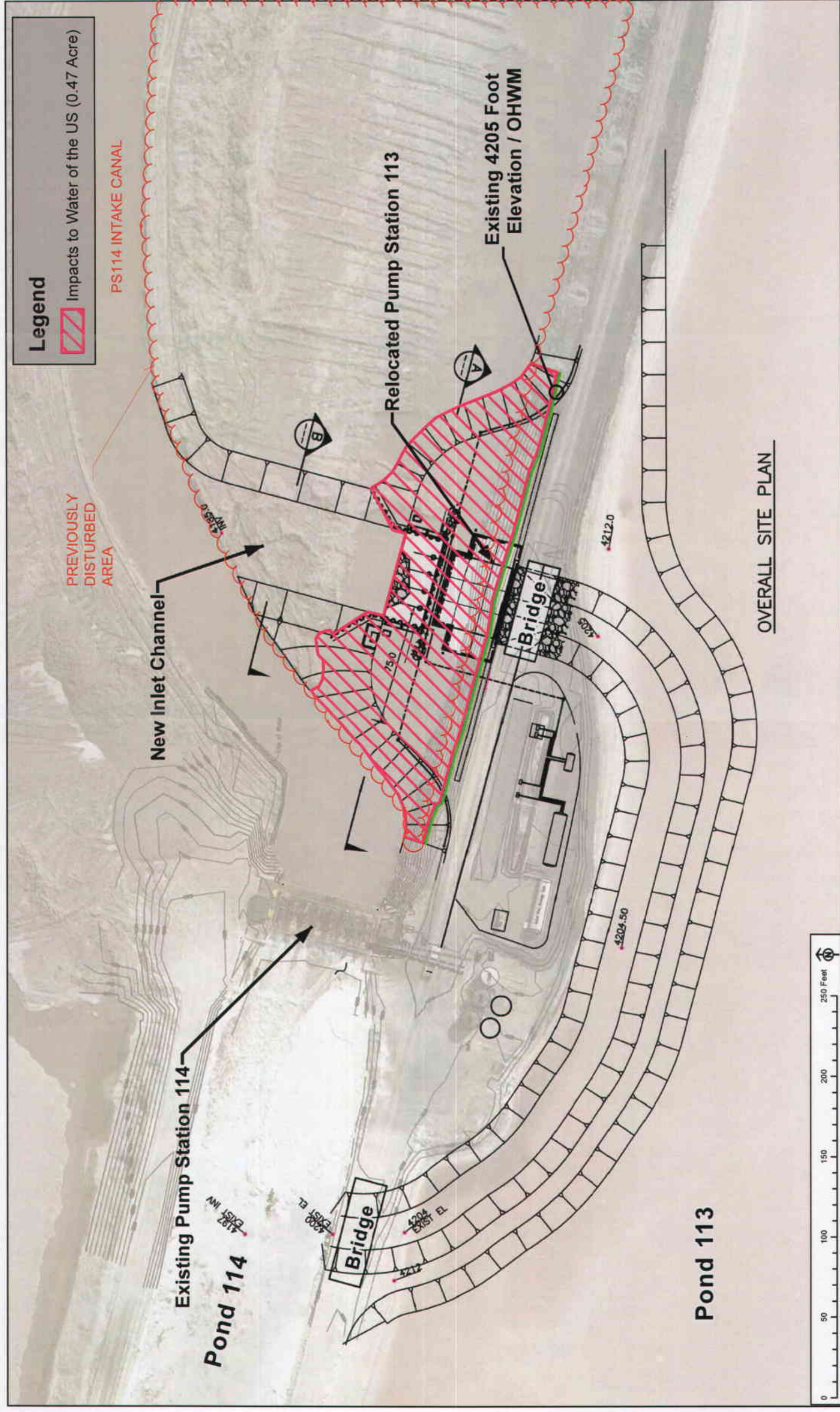


Figure 6. Impacts to Water of the US Pump Station 113 Replacement Project
Box Elder County, Utah



Figure 7. Restoration of Decommissioned Pump Station 113 Inlet Channel
Pump Station 113 Replacement Project
Box Elder County, Utah



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**Attachment B
Deconstruction and Reclamation Estimate**



**Bowen Collins
& Associates, Inc.**
CONSULTING ENGINEERS

154 East 14000 South
Draper, Utah 84020
801.495.2224 (phone)
801.495.2225 (fax)

December 18, 2012

Joe Havasi and Mark Reynolds
Great Salt Lake Minerals Corporation
765 North 10500 West
Ogden Utah 84404

Subject: Estimated costs for demobilizing Pump Station 113

Joe:

Bowen, Collins and Associates has been asked to provide an opinion of probable costs for demobilizing the Pump Station 113 (PS113) for Great Salt Lake Minerals Corporation, located west of the Great Salt Lake on the east perimeter of the existing solar evaporation ponds.

The anticipated costs for demobilizing the pump station and reclaiming the site are estimated below as follows:

\$20,000	Pull and demobilize Sheet-pile
\$10,000	Demobilize concrete
\$15,000	Demobilize Station (steel structures/bridge platform)
\$15,000	Haul materials offsite
<u>\$20,000</u>	<u>Reclamation dirt work</u>
\$80,000	Total

If you have any questions or need any additional information, please call.

Sincerely,

Bowen, Collins & Associates

Thayne Clark, P.E.
Principal